

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Compleat If Known

Application Number	09/580,156
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Filing Date	05-30-2000
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First Named Inventor	Sandberg, et al.
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Group Art Unit	1631
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Examiner Name	Borin, M
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Sheet	1	of	4	Attorney Docket Number	25812-5-CIP
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
MS	AA	4,327,078		Charlet et al.	04/27/1982	
	AB	4,816,513		Bridgham et al.	03/28/1989	
	AC	4,668,476		Bridgham et al.	05/26/1987	
	AD	4,983,382		Wilmott et al.	01/08/1991	
	AE	5,140,043		Darr et al.	08/18/1992	
	AF	5,122,536		Perricone	06/16/1992	
	AG	4,891,227		Thaman et al.	01/02/1990	
	AH	4,891,228		Thaman et al.	01/02/1009	
	AI	4,603,146		Kligman	07/29/1986	
	AJ	4,877,805		Kligman	10/31/1989	
	AK	4,474,763		Lubowe	10/02/1984	
	AL	4,591,501		Cioca	05/27/1986	
	AM	4,659,740		Usher	04/21/1987	
	AN	4,963,656		Mitani	10/16/1990	
	AO	5,017,691		Lee	05/21/1991	
	AP	5,079,003		Scaffidi et al.	01/07/1992	
	AO	5,223,420		Rabaud et al.	06/29/1993	
	AR	5,523,291		Janzen et al.	06/04/1996	
	AS	5,648,209		Avrameas et al.	07/15/1997	
MS	AT	5,736,537		Gubernick et al.	04/07/1998	

FOREIGN PATENT DOCUMENTS

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**Examiner
Signature**

Date
Considered

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO				C mplet If Known	
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				First Named Inventor	Sandberg, et al.
				Group Art Unit	1631
				Examiner Name	Borin, M
				Attorney Docket Number	25812-5-CIP
Sheet	2	of	4		

U.S. PATENT DOCUMENTS						
Examiner (Initials)*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
MS	BA	6,025,347		Gubernick et al.	02/15/2000	
MS	BB	5,945,409		Crandall et al.	08/31/1999	
	BC					
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TS
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/580,156		
		Filing Date	05-30-2000		
		First Named Inventor	Sandberg et al.		
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		Examiner Name	Borin, M		
Sheet	3	of	4	Attorney Docket Number	25812-5-CIP

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MW	BA	Heiber, A.D. et al., Detection of Elastin in the Human Fetal Membranes: Proposed Molecular Basis for Elasticity; Placenta; vol. 18; pp. 301-312; 1997.	✓
	BB	Gibson, M.A. et al., Further Characterization of Proteins Associated with Elastic Fibre Microfibrils Including the Molecular Cloning of MAGP-2 (MP25); The Journal of Biological Chemistry; vol. 271, No. 2 pp. 1096-1103; Jan. 12, 1996.	✓
	BC	Price, L.S.C. et al., Valyl-Alanyl-Prolyl-Glycine (VAPG) Serves as a Quantitative Marker for Human Elastins; Matrix; vol. 13 pp. 307-311; 1993.	✓
	BD	Blankenship, J.W. et al., Oxysterol Incorporation Into Rat Aorta Resulting in Elastin Compositional Changes; Lipids; vol. 26, No. 5; pp. 381-384; 1991.	✓
	BE	Sandberg, L.B. et al., Quantitation of Elastin in Tissues and Culture: Problems Related to the Accurate Measurement of Small Amounts of Elastin With Special Emphasis on the Rat; Connective Tissue Research; vol. 25, pp. 139-148; 1990.	✓
	BF	Sandberg, L.B. et al., Structural Guidelines for an Acceptable Elastin an Tropoelastin: Application Towards Quantitation of Elastin Accumulation in Tissue Culture; Elastin: Chemical and Biological Aspects (Reprinted); pp. 22-24; 1009.	✓
	BG	Sandberg, L.B. et al., Quantitation of Elastin Through Measurement of Its Pentapeptide Content; Biochemical and Biophysical Research Communications; vol. 136, No.2 pp. 672-678; Apr. 29, 1986.	✓
	BH	Database Caplus, AN 108:167920. Bayer et al. Z. Naturforsch., C: Biosci, 42(4), 455-60), Apr. 1987.	✓
	BI	Hunninghake et al. Science, 212, 925-927, May 1981.	✓
	BJ	Database Caplus, DN 127:219499. Morrelli et al. J. Pept. Res., 49 (6), 429-499, Jun. 1997.	✓
MW	BK	Database Caplus, DN 122:102414. Bisaccia et al. Int. J. Pept. Res, 44, 332-341, Apr. 1994.	✓

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		Examiner Name	Borin, M		
Sheet	4	of	4	Attorney Docket Number	25812-5-CIP

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MM	CA	Database CAPLUS, AN 115:65185, DOI, R. et al., Effects of synthetic human pancreastatin on pancreatic secretion and blood flow in rats and dogs. Peptides. 1991, vol. 12(3), pages 449-502.	/
	CB	Database CAPLUS, AN 107:54378, RAJU, K. et al., Primary structure of bovine elastin a, b, and c deduced from the sequences of cDNA clones. J. Biol. Chem., 1987, 262(12), pages 5755-5762.	
	CC	Database CAPULS, AN 107:191131, CHARTEN et al. QSAR for peptide bioactivities. Further studies. Pharmacochem. Libr. 1987, vol. 10, pages 285-290.	/
	CD	Database CAPULS, 129:187343, LOGRANO, M. et al., Identification of elastin peptides with vasorelaxant activity on rat thoracic aorta. Int. J. Biochem. Cell Biol., 1998, vol. 30 pages 497-503.	/
MM	CE	FERRANCE, J., Examiner's first report on patent application no. 30854/99 by Connective Tissue Imagineering LLC, 2001.	/

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Sheet 1 of 1

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		Number	Kind Code ² (if known)			
Mj	AA	5,948,418		Maes et al.	09/07/1999	
	AB	5,801,192		Dumas et al.	09/01/1998	
	AC	5,776,441		Scancarella et al.	07/07/1998	
	AD	5,770,697		Ferrari et al.	06/23/1998	
	AE	5,726,040		Ensley et al.	03/10/1998	
	AF	5,643,949		Van Scott et al.	07/01/1997	
	AG	5,587,396		Smith	12/24/1996	
	AH	5,503,825		Lane	04/02/1996	
	AI	5,028,695		Eckmayer et al.	07/02/1991	
	AJ	4,381,294		Bouillon et al.	04/26/1983	
MM	AK	4,323,553		Bouillon et al.	04/06/1982	
	AL	4,118,480		Williams	10/03/1978	
	AM					
	AN					
	AO					
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